


<b>Consent For Establishment (CFEs)</b>		Karnataka State Pollution Control Board Parisara Bhavana, No.49, Church Street, Bengaluru-560001 Tele : 080-25589112/3, 25581383 Fax:080-25586321 email id: ho@kspcb.gov.in
	Consent No. CTE-311653 Valid upto: 24/03/2023	
Industry Colour: RED	Industry Scale: LARGE	
(This document contains 5 pages including annexure & excluding additional conditions)		

Consent Order No. CTE-311653 PCB ID: 40447 Date: 25/03/2019

To,

The Applicant

M/s Meenakshi Estates  
M/s Meenakshi Estates, G3,  
Ground floor, Meenakshi  
Estates North avenue, Maruthi

Sir,

Sub: Consent to Establish under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981-reg.,

Ref: 1. CFE application submitted by the industry/organization on 25/07/2018 at Regional Office

2. Inspection of the project site by Regional Officer Bangalore on 28/01/2019  
Byatarayana  
pura

3. Proceedings of the CCM dated 13/03/2019 held on 02/03/2019

With reference to the above, Karnataka State Pollution Control Board hereby accords **Consent for Establishment** for new Activity under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following terms & conditions.

**Location:**

Name of the Applicant: M/s Meenakshi Estates  
Address: katha No.2834/81/2A, 81/2B . KathaNo.2834/81/2A, 81/2B.Rachenahalli main  
Road, thanisandra  
Industrial Area: Not in I.A. Rachenahalli,  
Taluk: BBMP- W- 6, District: Bangalore Urban

**Conditions:**

- This consent for establishment is valid up to 24/03/2023 from the date of issue.
- The applicant shall not undertake expansion/diversification without the prior consent of the Board.
- The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.
- This consent is granted considering the following activities:

Sr	Product Name	Applied Qty/Month	Unit
1	residential apartment with 198 units	198.0000	NOS

**I. WATER CONSUMPTION:**

- The source of water shall be from BWSSB and total water consumption shall be as below:

Particulars	Water consumption(KLD)
Domestic Purpose	152.0

**II. WATER POLLUTION CONTROL:**

- The discharge from the premises of the applicant shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act or Rules made there under.
- The applicant shall treat the domestic wastewater from the factory in septic tank with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be designed as per IS 2470 Part - I and Part- II
- The applicant shall treat the domestic wastewater in the Sewage Treatment Plant (STP) as per the proposal submitted. It shall meet the standards specified in Annexure-I & shall be used on land for gardening/greenbelt within the factory premises.
- The quantity of domestic waste water and trade effluent generated from the proposed industry shall not exceed the permitted quantity as indicated below

**Discharge of effluents under the Water Act:**

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Consent No. CFE/ST/1093 Valid upto: 24/03/2023

Karnataka State Pollution Control Board

Bachchantharayana Street, Bengaluru-560001

Street, Bengaluru-560001

Tel: 080-25586321

Fax: 080-25586321

email: kspcb@kspcb.gov.in

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Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
	1 Domestic Purpose	122.000	STP's capacity 65 KLD to BlockA & 80 KLD to BlockB

5 The applicant shall treat the trade effluent in proposed ETP which consists of the following.

**STP & ETP details**

SINo	ETP/STP NO	ETP Code	Category Name	Capacity (Meter Cubic)	Units	Remarks
1	STP2	BS-	Bar Screen	0.60	1	Bar screen chamber size: 1.0 m x 0.6 m - BLOCK-B (80 KLD STP Capacity)
2	STP1	BS-	Bar Screen	0.60	1	Bar Screen Chamber: 1.0 m x 0.6 m - BLOCK-A (65 KLD STP capacity)
3	STP1	DEC	P-Decanter	30.00	1	Decant tank size: 3.5 m x 3 m x 3 m - BLOCK-A (65 KLD STP capacity)
4	STP2	DEC	P-Decanter	50.00	1	decant tank: 4.5 m x 4 m x 3 m - BLOCK-B (80 KLD STP capacity)
5	STP2	EQU	P-Equalization Tank	27.00	1	Equalization tank size: 3 m x 3 m x 3m + 1.5 m holding capacity - BLOCK-B (STP 80 KLD capacity)
6	STP1	EQU	P-Equalization Tank	20.00	1	Equalization tank: 3.0 m x 2.5 m x 3.0 m - BLOCK-A (STP capacity 65 KLD)
7		FTP	P-Filter Press	0.00	1	
8	STP2	AER	S-AERATION TANK	90.00	2	Sequential batch reactor: 3.5 m x 5.7 m x 4.5 m - Block-B (STP capacity 80 KLD)
9	STP1	AER	S-AERATION TANK	70.00	2	Sequential Batch reactor (SBR) size: 4.0 m x 4.0 m x 4.4 m - BLOCK-A (STP capacity 65 KLD)
10	STP1	CFL	T-CARBON FILTER	12.00	1	Carbon filter with 600 mm dia & 1500 mm height - Block-A (STP capacity 65 KLD)
11	STP2	CFL	T-CARBON FILTER	12.00	1	Carbon filter with 800 mm dia and 1500 mm height - Block-B (STP capacity 80 KLD)



Consent For Establishment (CEEs)

Consent No. CTE-311653 Valid till 25/03/2019

Karnataka State Pollution Control Board
Parisara Bhavana, No. 49, Church Street, Bengaluru-560001
Tel: 080-2779211 Fax: 27792299
E-mail: kspcb@kspcb.org.in

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Table with 7 columns: S.No, STP, SFL, Equipment Name, Cost, Qty, and Description. Rows include Sand filter with 800 mm dia and 1500 mm height, Pressure sand filter with 500 mm dia 1500 mm height, and Final collection tanks.

- 6. The applicant shall ensure that the ETP will treat the effluent to the stipulated standards as indicated in Annexure-I
7. The applicant shall not discharge any effluent outside the industry premises.
8. The applicant shall provide separate flow meter for inflow & outflow of effluents through ETP and separate energy meter and shall maintain a logbook for hourly record of meter reading for the verification of inspecting officers
9. The applicant shall discharge the effluents only to the place mentioned in the Consent order.

III. AIR POLLUTION CONTROL:

- 1. The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXURE-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

IV. NOISE POLLUTION CONTROL:

- 1. The applicant shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e. 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in the Environment (Protection) Rules.

V. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

- 1. The applicant shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016 in such manner so as not to cause environmental pollution.
2. The details of solid waste generated from the proposed plant and mode of disposal shall be as below.

Table with 4 columns: Sr, Solid Waste Name/Type, Qty-Unit, and Mode of Disposal. Rows include STP sludge, Organic solid waste, and Inorganic solid Waste.

VI. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES 2016:

- 1. The applicant shall apply and obtain authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016, and comply with the provisions of the said Rules.

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**VII. GENERAL:**

1. The applicant shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
2. The applicant shall not commission the proposed plant for trial or regular production unless necessary Water & air pollution control equipments are installed as specified in the Consent Order.
3. The applicant shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
4. The applicant shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
5. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc. in excess of the standards stipulated. And the industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
6. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
7. This CFE does not give any right to the Party/Project Authority/Industry to forego any other legal requirement, that is necessary for setting/operation of the plant.
8. The applicant shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.
9. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration in advance an amount equal to the cost estimated by Competent Agency or Committee.
10. The applicant shall comply with all the Conditions and guidelines issued from time to time.
11. The applicant must create structure/facility for rain water harvesting and ground water recharge.
12. The applicant shall develop extensive green belt within the periphery of the plant.
13. This consent is issued without prejudice to Court Cases pending in any Hon'ble Court.

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment of the industry and does not give any right to proceed with trial regular production. For this purpose, separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

Consent Fee paid	: Rs. 50000
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**Note:**

The Conditions Nil mentioned in the schedule are not applicable.

**Additional Conditions:**

III(2), (6), III(2), IV(1), V(1), VI(1) & VII(4) these conditions are not applicable.

The project authorities shall strictly comply with the conditions stipulated in Annexure I contains 07 pages.

The CFE is issued as per the recommendations of the Consent Committee Meeting held on 02/03/2019 & duly approved by Member Secretary & Hon'ble Chairman.

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**COPY TO:**

- The Environmental Officer, KSPCB, Regional Office, Bangalore Byatarayanapura for information and to inspect the industry during your next visit to the area.
- Master copy (Dispatch).
- Office copy.

**ANNEXURE- II**

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	D.G. Sets	320 KVA DG for Block-B		6 PM(mg/NM3), SO2 (PPM), NOx(PPM)	0,0,0	DIE	AEC, PRT	Before commissioning.
2	D.G. Sets	250 KVA DG for Block-A		5 PM(mg/NM3), SO2 (PPM), NOx(PPM)	0,0,0	DIE	AEC, PRT	Before commissioning.

Note:

AEC, PRT : Acoustic Enclosures

**LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.**

- Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to at least eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame or rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

- The diameter of the sampling port should not be less than 100mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period.
- An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
- The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

FOR AND ON BEHALF OF KARNATAKA  
POLLUTION CONTROL BOARD

Signature valid

Digitally signed by  
Date: 2019.03.23 17:09:44  
+05:30